



## **2007 Department of Health Mosquito Prevention and Control Program Mosquito Control Plan Components**

The following sections will help you organize your grant narrative application. These are essential elements of a comprehensive mosquito prevention and control program and need to be addressed in your plan. It is not however, intended to be inclusive of every consideration necessary for a community's program.

**Section 1      Description of the geographic area(s) to be covered by the control program and number of acres in the project. Also, estimate the number of people within the geographic area.**

**Section 2      Cooperative arrangements between municipalities, counties, or tribal governments. (if applicable)**

Describe how the cooperative arrangement will work and with which municipality, county, or tribal government the co-op is entered with. Preference will be given to those submitting applications with cooperative agreements.

**Section 3      Surveillance / Population Monitoring**

Provide a description of the following surveillance or population monitoring.

- Larval population monitoring in wetlands and other breeding areas
- Adult population monitoring by light trapping for adult mosquitoes
- Bird or animal West Nile occurrence through collection and testing -- contact the State Public Health Laboratory, 773-3368, for testing information
- Human West Nile occurrence data provided by the state Department of Health

**Section 4      Mapping**

Provide a description of the methods for recording geographic data to support the control program and identify mosquito breeding sites and harborages.

- Global Positioning System and Geographic Information System data and support is available free from several different groups. Please note this website for further information.

**Section 5      Source Reduction**

Describe what community wide method or strategies will be used for identifying and reducing breeding areas and harborages.

- Eliminating backyard containers
- Improving drainage / elimination of standing water
- Etc.

## **Section 6 Larval Control**

Provide a description of your methods for larval control, timing of larval controls, and how you will monitor effectiveness.

- Larvicide applications for wetlands, standing water, sewers, etc. to control breeding areas

## **Section 7 Control of Adult Mosquito Populations**

Describe how you will identify harborages (places where mosquitoes grow and hide) and provide a description of methods for applying adulticide. Provide information on timing of adulticide applications and how you will monitor effectiveness.

## **Section 8 Certification / Staffing**

Provide information related to the certification of the applicators for adulticiding and any related training and education. (Category 9 certificate) Provide proposed staffing for the mosquito control program and the initial and on-going education and training that will be provided.

## **Section 9 Public Education and Awareness**

Describe any information, resources, campaigns, or announcements that will be provided in conjunction with your mosquito prevention and control program.

- Personal protection campaigns
- Source reduction campaigns
- Control effort awareness
- Community partners efforts
- Announcements of adulticiding times and locations

## **Section 10 Budget**

Provide a detailed budget for the following items based on the negotiated best price plans and only include Department of Health approved equipment and supplies.

- Equipment
- Chemical control materials
- Supplies

## **Section 11 Outlook for Long-term Sustainability**

Provide a description of the long-term sustainability of the mosquito control program.